

FIG.1

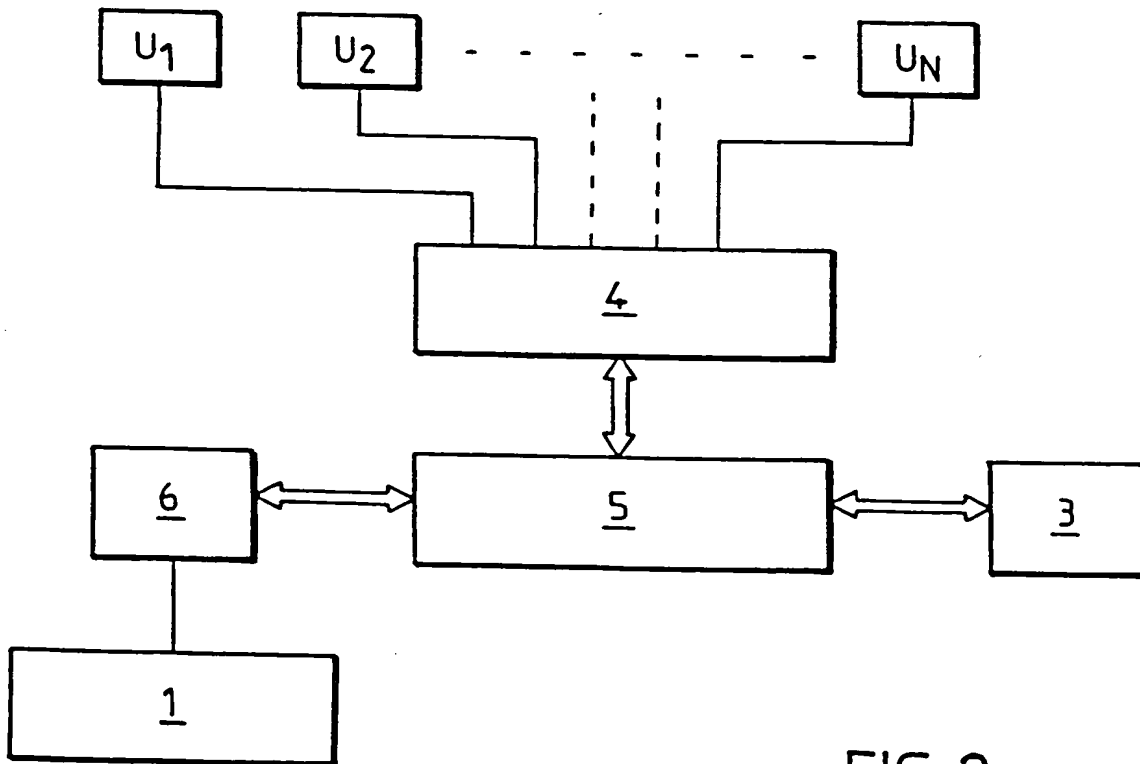


FIG.2

USERS	FIFOS
U	P (c)
D (u)	F (c)
n d (u)	u (c)
p V (u)	e (c)
MANAGER V , Q max	

FIG. 3a

USERS	"NEW" FIFOS	"OLD" FIFOS
U	P (c)	P (c)
D (u)	pun (c)	pua (c)
Q (u)	dun (c)	dua (c)
C (u)	Fn (c)	Fa (c)
F (u)		ea (c)
a (u)		
s (u)		
MANAGER V , Q max , Dmax		

FIG. 3b